

EVOLT E-500 Digital SLR

There's a first time for everything. And for digital SLRs in this price range, it's the first time so many leading-edge breakthroughs have been combined with user-friendly innovations. With the highest number of "firsts" in its price class, the new EVOLT E-500 is the digital SLR our competitors will try to match.

Patented Dust Reduction System for Spot-Free Photos Each time EVOLT E-500 is turned on, our exclusive Super Sonic Wave Filter™ vibrates 35,000 times a second, shaking dust loose from the image sensor – and capturing it, to prevent its reappearance. No need to retouch on a computer – or be concerned about changing lenses.

Brighter, More Colorful Photos with the 8.0 Megapixel Imager The advanced 8 megapixel CCD helps you capture edge-to-edge perfection with a full range of color, contrast and detail. The FourThirds standard-type CCD achieves dynamic range and sensitivity equal to the Olympus E-1, our professional digital SLR.

TruePic TURBO™ Image Processor for Crystal-Clear Results Exclusive Olympus technology gives you crisp clear photos without having to face all-too familiar shutter delays or slow startup times.

Enjoy accelerated performance with briefer shot-to-shot times and quicker image playback of smooth, detailed images.

Large, Bright HyperCrystal™ LCD The generously-sized 2.5" LCD lets you view subjects and share images easily. With more pixels than most displays, EVOLT E-500 provides an impressive 160-degree viewing angle, from left to right and up and down.

Dual Memory Slots for Compact Flash, Microdrives and xD-Picture Cards™ Store your photos however it's most convenient. EVOLT E-500 lets you switch between your favorite media devices without slowing down.

Small, Lightweight Ergonomics Advanced plastics provide stable strength. The camera's weight (or lack of it) and advanced grip (with a place for each finger on your shooting hand) offer operating comfort.

The Olympus EVOLT E-500's design gives you greater portability and ease of handling – along with an automatic "pop-up" flash that's there when you need it.



Our exclusive dust reduction system for spot-free photos, TruePic TURBO™ Processor and all-digital lenses combine with a large, bright LCD and sensible ergonomics for outstanding results and a memorable photographic experience.

olympusamerica.com/evolt

EVOLT E-500 Digital SLR

Stock No. 262060

Type	Interchangeable Lens Digital SLR Camera		
Media	Compact Flash Card (Type I, II), Microdrive, xD-Picture Card (Dual Slot)		
Imager Size	17.3mm x 13mm		
Lens Mount	Four Thirds Mount		
Compatible Lens	Zuiko Digital, Four Thirds System Lens		
Image Sensor	4/3 type Full Frame Transfer Type CCD solid-state image sensor		
Type	4/3 type Full Frame Transfer Type CCD solid-state image sensor		
Effective Pixel Number	8.15 million pixels		
Aspect	4:3		
Filter Array	Primary color filter (RGB)		
Filter	Fixed type		
LPF	Hybrid Type		
IR Cut Filter	Supersonic Wave Filter		
Dust Protection Filter	Supersonic Wave Filter		
Recording System	DCF (JPEG), TIFF, RAW		
Type of Recording Format	JPEG, TIFF Ver. 6.0 (Exif 2.2), RAW (12bit)		
Type of File Format	Yes		
RAW + JPEG Recording	Yes		
File Size	RAW	3264 x 2448	Uncompressed Approx. 13.6MB
	TIFF	3264 x 2448	Uncompressed Approx. 24.5MB
	SHQ	3264 x 2448	1/2.7 Approx. 6.4MB
	HQ	3264 x 2448	1/4 / 1/8 1/12 Approx. 4.5 / 2.5 / 1.8MB
	SQ	3200 x 2400	1/2.7 / 1/4 / 1/8 / 1/12 Approx. 6.2 / 4.4 / 2.4 / 1.8MB
		2560 x 1920	1/2.7 / 1/4 / 1/8 / 1/12 Approx. 3.7 / 2.5 / 1.3 / 0.8MB
		1600 x 1200	1/2.7 / 1/4 / 1/8 / 1/12 Approx. 1.5 / 1.0 / 0.5 / 0.4MB
		1280 x 960	1/2.7 / 1/4 / 1/8 / 1/12 Approx. 0.9 / 0.6 / 0.3 / 0.2MB
		1024 x 768	1/2.7 / 1/4 / 1/8 / 1/12 Approx. 0.6 / 0.4 / 0.2 / 0.2MB
		640 x 480	1/2.7 / 1/4 / 1/8 / 1/12 Approx. 0.3 / 0.2 / 0.1 / 0.1MB
Viewfinder	Eye level Dach Mirror type Optical View Finder		
Type	Approx. 95%		
Viewfinder Coverage	Approx. x 0.9 with 50mm Lens set to infinity on -1diopter		
Magnification	Approx. 10mm		
Eye Point	Built-in type -3.0 to +1.0 diopter		
Diopter Adjustment	Fixed type		
Focusing Screen	Quick Return Mirror		
Mirror	AF frame, Shutter speed, Aperture value, AF confirmation mark, Flash, White balance, AE lock, Number of storable still pictures, Exposure compensation value indication, Metering mode, Battery check, Exposure mode, Record mode		
Viewfinder Information	One-touch WB Button (Customizable)		
	Interchangeable type (EP-5/6), EP-5 supplied		
	Interchangeable type, EP-4 supplied		
Depth of Field Preview	One-touch WB Button (Customizable)		
Eye Cup	Interchangeable type (EP-5/6), EP-5 supplied		
Eye Piece Shutter	Interchangeable type, EP-4 supplied		
LCD Monitor	HyperCrystal LCD (TFT Color LCD)		
Type	2.5 inch		
Size	215,250 pixels		
Pixel Number	Approx. 100%		
Viewfield Coverage	+/- 7 steps		
Brightness Control	TTL Phase Difference Detection System		
Autofocus	Single AF (S-AF) / Continuous AF (C-AF) / Manual Focus / S-AF + MF / C-AF + MF		
Type	3 points		
Focus Mode	EV 0 to 19 (ISO 100)		
Focus Area	Automatic Selectable / Manual Selectable		
Detection Range	Built-in Flash type		
Focus Area Selection	Locked by first position of Shutter Button / AE/AF Lock Button (Customizable)		
AF Assist Lamp			
AF Lock			
Exposure Control	TTL Full Aperture Light Metering by 49 Zones Multi-pattern Sensing System		
Light Metering System	Digital ESP / Center Weighted Average / Spot / Highlight Spot / Shadow Spot		
Light Metering Mode	(Approx. 2% Spot)		
Detection Range	Digital ESP / Center Weighted Average; EV 1 to 20 (50mm F2, ISO 100)		
	Spot; EV 3 to 17 (50mm F2, ISO 100)		
Exposure Mode	Full Auto, Program with Program Shift / Shutter Priority / Aperture Priority / Manual / Scene Program AE / Scene Select AE		
Scene Program AE	Portrait / Landscape / Macro / Sports / Night Scene & Portrait		
Scene Select	Portrait / Landscape / Landscape & Portrait / Night Scene / Night Scene & Portrait / Firework / Sunset / Macro / Sports / High-Key / Low-Key / Documents / Beach & Snow / Candle / Children		
Sensitivity	AUTO, 100, 200, 400 (AUTO: 100-400) Expandable to 800, 1600		
Exposure Compensation	Up to +/- 5 EV in each 1, 1/2, or 1/3 EV step		
AE Lock	Locked by first position of Shutter Button / AE/AF Lock Button (Customizable)		
Exposure Bracketing	3 Frames in +/- 1, 2/3, 1/2 or 1/3 EV step		
White Balance System	Auto WB, Preset WB, Custom WB, One-touch WB		
WB Mode	Lamp (3000K) / Fluorescent 1 (4000K) / Fluorescent 2 (4500K) / Fluorescent 3 (6600K) / Daylight (5300K) / Cloudy (6000K) / Shade (7500K)		
Preset WB	R-B/G-M up to +/- 7 step in each 2mired step for each Auto / Preset setting		
WB Compensation	3 Frames with +/- 4/8/12 mired steps		
WB Bracketing			
Color System	sRGB / AdobeRGB		
Color Space	Vivid / Natural / Muted / B&W / Sepia		
Picture Mode	5 levels in each Vivid, Natural and Muted mode		
Color Saturation	5 levels in each Picture mode		
Sharpness	5 levels in each Picture mode		
Contrast	Yellow / Orange / Red / Green in B&W mode		
Filter	Sepia / Blue / Red / Green in B&W mode		
Toning	3 levels		
Gradation			

Shutter	Electronic Controlled Focal Plane Shutter	
Type	A,P,Ps: 1/4000 to 60 Sec(depend on conditions), S: 1/4000 to 60 Sec, M: 1/4000 to 60 Sec and Bulb (up to 8 minutes), AUTO: 1/4000 to 2 Sec, Scene: 1/4000 to 2 Sec (depend on selected mode)	
Shutter Speed	12 or 2 Sec. (possible to cancel)	
Self Timer	Wireless with bulb function by RM-1 (RM-1:option)	
Remote Control		
Drive System	Single / Sequential Shooting	
Drive Mode	Approx. 2.5 fps.	
Sequential Shooting Speed	RAW; TIFF: 4 Frames	
Max. Frame Number on Sequential Shooting	JPEG (HQ, SQ); Up to full capacity with high speed Media(*)	
Built-in Flash	TTL Auto / Manual	
Type	Auto / Red-eye Reduction / Slow synchro / Fill-in	
Synchronization Mode	X = 1/180 Sec. (FP Flash Mode up to 1/4000 sec.)	
X-Sync Speed	Up to +/- 2 EV in each 1, 1/2, or 1/3 EV step	
Intensity Control	Front curtain and Rear curtain selectable	
Synchro Timing	TTL Auto with FL20 / 36 / 50 (FP Flash with FL36 / 50)	
Hot-Shoe		
Play Back Function	Single / Zoom (2 / 3 / 4 / 6 / 8 / 10 / 14x) / Index (4 / 9 / 16 / 25 frames) / Calendar View / Slide Show / Light Box View	
Display Mode	Exposure Mode, Metering Mode, Shutter Speed, F-Stop, Compensation level, ISO, Color Space, WB Mode, WB Compensation Level, Focal Length, Focus Area, File type, Picture Mode	
Information	Y,R,G,B Histograms, High Light/Shadow Point Warning	
Exposure Level View	Yes	
Video Signal Output	REC, Play Back, Custom, Setup	
Menu Information	English, German, French, Spanish, Japanese, Chinese, and Korean	
Menu Languages		
Edit Functions	RAW Development	
RAW Edit Mode	B&W, Sepia, Red-eye Reduction, Color Saturation, Resize	
TIFF, JPEG Mode	Single / All / Selected (Between CF Media and xD-Picture Card)	
Copy Mode		
Erase/Protection Function	Single, All, Selected	
Erase Mode	Single	
Image Protect Mode	USB 2.0 Full Speed	
PC Interface		
Power Supply	Rechargeable Li-ion battery Pack BLM-1 / Optional 3x CR123A with LBH-1	
Battery		
Size/Weight	5 x 3.7 x 2.6 inches (129.5 x 94.5 x 66mm)	
Dimensions	Approx. 15.34 oz. (435g); Without Batteries and CF Card	
Weight		
Environment		
Temperature	Operating Range; 32°F to 104°F (0°C to 40°C)	
	Storage Range; 4°F to 140°F (-20°C to 60°C)	
Humidity	Operating Range; 30% to 90%, Storage Range; 10% to 90%	

(*) with SanDisk Extreme III CF card on default image quality mode(HQ 1/8)

